

- 49 -

**PRODUCTION OF 3-HYDROXYPROPIONIC ACID USING BETA-
ALANINE/PYRUVATE AMINOTRANSFERASE
ABSTRACT OF THE DISCLOSURE**

- 5 Methods of using beta-alanine/pyruvate aminotransferase to produce 3-hydroxypropionic acid and derivatives thereof, from beta-alanine, are disclosed. Cells and recombinant nucleic acids that can be used to practice the methods are also disclosed.